

CERTIFICATE OF TREATMENT/RECYCLING

ISSUED TO

DOUGLAS AIRCRAFT COMPANY

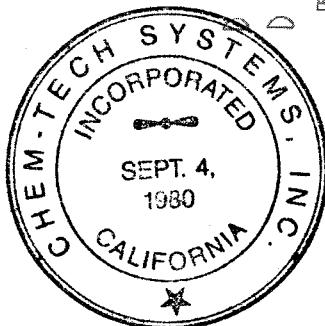
FOR

MANIFEST NUMBER 89479353

DATE RECEIVED MARCH 5, 1991

The aqueous waste received on the above manifest will be treated to standards mandated by the FEDERAL CLEAN WATER ACT and to effluent requirements established by the Sanitation Districts of Los Angeles County. Waste treatment and recycling is performed under permits granted to CHEM-TECH SYSTEMS, INC., a California corporation, by the California Department of Health Services, in coordination with the Environmental Protection Agency, in accordance with the provisions of the Resource Conservation and Recovery Act (RCRA) of 1976, together with applicable federal and state regulations including but not limited to waste discharge requirements established by the Sanitation Districts of Los Angeles County.

When the above described material is accepted by CHEM-TECH SYSTEMS, INC. and treated/recycled and the aqueous phase discharged for further treatment by the Sanitation Districts, the certificate holder's responsibility for the material is eliminated under both RCRA and Proposition 65. Upon request, CHEM-TECH SYSTEMS, INC. will issue this certificate that all material has been handled in accordance with applicable permits, and the certificate holder's liability has been terminated.



CHEM-TECH SYSTEMS, INC.
a commitment to a clean environment
By:

Edward O. Riley
PLANT MANAGER

TITLE

MARCH 5, 1991

DATE

3650 EAST 26th STREET • VERNON, CALIFORNIA 90023
(213) 268-5056 • FAX: (213) 268-9672

Please print or type. (Form designed for use on elite (12-pitch typewriter).

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550 GENERATOR TRANSPORTER FACILITY	UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. <i>CAD08610005911035</i>	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.			
	3. Generator's Name and Mailing Address		Douglas Aircraft Company Attn: R. Tuell 19503 S. Normandie Avenue, Torrance, CA 90502						
	4. Generator's Phone (213) 783-5928 or 213-533-7231								
	5. Transporter 1 Company Name		6. US EPA ID Number	JCI Environmental Services CAD058018367					
	7. Transporter 2 Company Name		8. US EPA ID Number						
	9. Designated Facility Name and Site Address		10. US EPA ID Number	Chem-Tech Systems, Inc. 3650 E. 26th Street Vernon, CA 90023 ICAT080033681					
	11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.			
	a. P.O. Waste, Corrosive Liquid, N.O.S (Nitric Acid) Corrosive Material, UN1760 (D002)		01011	TIT	4000 G	792	State	EPA/Other	
	b.					D002, D007	State	EPA/Other	
	c.						State	EPA/Other	
	d.						State	EPA/Other	
	J. Additional Descriptions of Materials Listed Above		K. Handling Codes for Wastes Listed Above						
a) Tanks 41T - Mixed Acids ID # 101010-04 Nitric acid 0-10% Fluoride Salts 0-1% Chromic acid 0-6% Water 82-100% Hydrofluoric acid 0-1%		a.	b.	c.	d.				
15. Special Handling Instructions and Additional Information		In case of accident contact Chemtrec at 800-424-9300. Do not wash into sewer or waterway. If unable to deliver, return to generator. Volume is approximate. DOT & Emergency Response Guide #60. EH Permit #4-90051601							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.									
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.									
Printed/Typed Name <i>Robert G. Tuell, Jr.</i>		Signature <i>Robert G. Tuell, Jr.</i> Month Day Year <i>10 30 59 11</i>							
17. Transporter 1 Acknowledgement of Receipt of Materials									
Printed/Typed Name <i>Carlos Rodriguez</i>		Signature <i>Carlos Rodriguez</i> Month Day Year <i>10 30 59 11</i>							
18. Transporter 2 Acknowledgement of Receipt of Materials									
Printed/Typed Name		Signature Month Day Year <i> </i>							
19. Discrepancy Indication Space									
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.									
Printed/Typed Name		Signature Month Day Year <i> </i>							

Generator Name: Douglas Aircraft Co. USEPA I.D.#: CAD 086 510005
 Chem-Tech Systems Waste I.D. Number: 101010-04 Manifest Number: 89479353

This form is submitted to Chem-Tech Systems, Inc. in accordance with 40 CFR Part 268, which restricts the land disposal of certain hazardous wastes.

I. Identification of the Waste Stream

A. The waste stream is wastewater non-wastewater

B. Identify ALL USEPA hazardous waste numbers that apply to this shipment (as defined in 40 CFR Part 261). Identify the corresponding sub-category (as defined in 40 CFR 268.41, .42, .43) if applicable.

USEPA Hazardous Waste Number	Subcategory	USEPA Hazardous Waste Number	Subcategory
D002	Acid Liquid		
D007			

(use additional sheets as necessary)

II. Management Requirements of the Waste Stream:

(In accordance with the waste analysis) and recordkeeping requirements as defined in 40 CFR 268.7, please indicate how this waste is to be managed to comply with the regulations.

A. Restricted Waste Subject to Treatment

I am the generator of the restricted waste which must be treated to the applicable treatment standard as defined in 40 CFR Part 268 Subpart D and all prohibitions set forth in 40 CFR 268.30, RCRA Section 3004 (d), prior to land disposal. This requirement applies to USEPA hazardous waste number(s):

D002, D007

and/or the following California list constituents acid, metals,

cyanides, HOCs, PCBs. A copy of the applicable treatment standards and methods is maintained at Chem-Tech Systems, Inc.

SEP 13 '90 16:25

P.2/3

 B. Restricted Waste Treated to Performance StandardsThe USEPA hazardous waste number(s)

Has/have been treated in compliance with applicable performance standards as defined in 40 CFR Part 268 Subpart D. I have attached all supporting analytical data. I certify under penalty of law that I have personally examined and am familiar with the treatment technology and the operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d) without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

 C. Restricted Waste with Technology Based Treatment Standards

I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.42. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment. Treatment has been performed for USEPA hazardous waste number(s) .

 D. Restricted Waste Subject to a Variance or Extension

The restricted waste(s), identified in (I) above is subject to a case-by-case extension, a national capacity variance, or a treatability variance. This variance applies to USEPA hazardous waste number(s) and expires on .

 E. Restricted Waste can be Land Disposed Without Further TreatmentI am the initial generator of the following USEPA hazardous waste number(s)

I have determined that the waste meets all applicable treatment standards as defined in 40 CFR Part 268 Subpart D, and all applicable prohibition levels set forth in 40 CFR 268.32, RCRA Section 3004(d), and CCR Title 22, Chapter 30, Article 41, and therefore can be land disposed without further treatment. A copy of all applicable treatment standards and specified treatment methods is maintained at Chem-Tech Systems, Inc. I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

I HEREBY CERTIFY THAT ALL INFORMATION SUBMITTED IN THIS AND ALL ASSOCIATED DOCUMENTS IS COMPLETE AND ACCURATE, TO THE BEST OF MY KNOWLEDGE AND INFORMATION.

Authorized Robert G. Jewell, Jr. Senior Plant
Signature : Robert G. Jewell, Jr. Title : Engineer Date : 03/05/91

Name of company generating the waste : Douglas Aircraft Company

RETURN ORIGINAL AND ONE COPY

WASTE PRODUCER, PLEASE CHECK APPLICABLE PERMIT REQUEST:

New Permit

Renewal Permit (Current Permit No. _____ Date _____)

Amendment and (Current Permit No. _____ Date _____)

Verbal Permit (No. _____ Date _____)
(If given verbal emergency permit by telephone)

For Office Use Only:

Permit # 4-90051601

Date Handled 5-16-90

Date Sent 5-16-90

Exp. 5-16-91

Toxic Substances Control Program
Region 4
Long Beach

MAY 16 1990

ROBERT ROMERO

MAY 16 1990

245 West Broadway, Suite 350
Long Beach, CA 90802
(213) 590-4868

1405 N. San Fernando Blvd. Suite #3000
Burbank, CA 91504
(818) 567-3000

APPLICATION FOR
CALIFORNIA EXTREMELY HAZARDOUS WASTE DISPOSAL PERMIT

Please type or print clearly. Provide all information requested, since omissions will result in a delay or denial of permit. Allow 15 days process time from day of receipt.

Toxic Substances Control Program
Region 4
Long Beach

WASTE PRODUCER:

Name of Firm McDonnell Douglas

Street and No. (Or P.O. Box) 19503 S. Normandy

City Torrance State California Zip Code 90502

Telephone No. (213) 533-6677 County LOS ANGELES

Pick Up Address (If Different)

EPA I.D.# CAD086510005

Applicant Kris Anderson Title ENGINEER

PROPOSED HAULER:

Address

FINDLY CHEMICAL DISPOSAL, INC.
10720 REDWOOD AVENUE
FONTANA, CALIFORNIA 92335
714-823-3939

SEE ATTACHED LIST OF
POTENTIAL HAULERS

EPA I.D.# CAD081157166 Hauler Reg. No. 0337

PROPOSED DISPOSAL
(OR OTHER) FACILITY:

PLEASE SEE ATTACHED LIST

Address

EPA I.D.#

PROPOSED METHOD
OF DISPOSAL:

Burial Pending Storage Other (Specify) INCINERATION, DETONATIONS

Treatment (Specify type) Neutralization, Cyanide, Oxidization

Recycle (Specify method of reuse)

*Required if reporting a hazard or extremely hazardous wastes under Section 4370, Title 12, A.C.

CALIFORNIA DEPARTMENT OF HEALTH SERVICES
Toxic Substances Control Division

APPLICATION FOR
CALIFORNIA EXTREMELY HAZARDOUS WASTE DISPOSAL PERMIT

DESCRIPTION OF WASTE

(Including Composition with
Upper and Lower Concentration
of Hazardous Components)

Hydrofluoric Acid SolutionCONCENTRATION

	Upper	Lower	Units No. or P.M.L.
<u>Hydrofluoric Acid Solution</u>	<u>10</u>	<u>1</u>	<u>%</u>
<u>Hydrochloric Acid Solution</u>	<u>38</u>	<u>20</u>	<u>%</u>
<u>Sodium Cyanide Solution</u>	<u>.15</u>	<u>.2</u>	<u>%</u>
<u>Cadmium Cyanide Solution</u>	<u>.15</u>	<u>.5</u>	<u>%</u>
<u>Copper Cyanide Solution</u>	<u>.15</u>	<u>.5</u>	<u>%</u>

QUANTITY

(For year's permit -
estimated quantity
disposal and per year)

5000 gal / 100,000 gal
5000 gal / 100,000 gal
5000 gal / 50,000 gal
500 gal / 10,000 gal
1000 gal / 20,000 gal

(Attach pages for additional wastes)

DESCRIPTION OF PACKAGING:

(Packaging, Containerization)

 Drums Cartons Bottles Tank Truck OtherDOT E-7768, DOT E-9645, DOT 17H

(Identify method of packaging small containers)

Packaging, containerization, and transport of the material shall be in accordance with Title 49, Code of Federal Regulations for hazardous materials, and with regulations of the California Highway Patrol, Title 13, California Administrative Code, for intrastate transport of hazardous materials and, for PCB-containing wastes, in accordance with U.S.E.P.A. regulations set forth in Title 46 CFR Part 161.

PERMIT TO BE USED FOR: (Length of Time) Single Disposal One Year Maximum for Multiple Disposals

PERMIT RENEWALS: (Application for renewal of a one-year market permit, using this form, must be received at least 15 days prior to expiration date to keep permit in effect).

X. Signature of Applicant

McDonnell Douglas Aircraft, TorranceDate May 14, 1990

1/22/81

This permit is subject to the condition(s) stated on Appendix A which is attached.

ATTACHMENT TO EXTREMELY HAZARDOUS PERMIT
FOR McDONNELL DOUGLAS, TORRANCE FACILITY

List of Proposed Haulers:

J.C., Inc.
3650 E. 26th St.
Los Angeles, CA 90023
(213) 268-3137 CAD058018367
CA Hauler # 139

United Pumping Service, Inc.
14016 E. Valley Blvd.
City of Industry, CA 91746
(818) 961-9326 CAD072953771
CA Hauler # 0063

Custom Environmental Transport (CET)
8044 Salk Lake Ave.
Los Angeles, CA 90201
(213) 562-1881 DED980918858
CA Hauler # 40756

Laidlaw Environmental Services
221 East D Street
Wilmington, CA 90748
(213) 518-4700 CAD029654894
CA Hauler # 2640

USPCI
10720 Redwood Ave
Fontana, CA 92335
(714) 823-3939 CAD081157166
CA Hauler # 0337

O.C. Vacuum Inc.
1471 S. Bradshaw Ave.
Monterey Park, CA 91754
(213) 725-3788 CAT080032253
CA Hauler # 0420

Nash Salvage, Inc.
13254 La Quinta Street
La Mirada, CA 90638
(213) 946-8431 CAD990802993
CA Hauler # 0189

Ward-Barker, Inc.
707 W. 16th St.
Long Beach, CA 90813
(213) 432-7266 CAD981571177
CA Hauler # 2253

Pacific Environmental
777 W. 190th St.
Gardena, CA 90248
(213) 324-2445 CAD982053779
CA Hauler # 2226

US Pollution Control, Inc.
14080 Slover
Fontana, CA 92335
(714) 350-9595 OKD981514474
CA Hauler # 0967

List of Potential Disposal Facilities:

- 1) Chemical Waste Management, Inc. (landfill/cyanide oxidation)
35251 Old Skyline Rd.
Kettleman City, CA 93239
209 386-9711 EPA ID # CAT000646117
- 2) Rollins Environmental Services, Inc. (incineration)
2027 Battleground Road.
Deerpark, Tx 77536
713 479-6001 EPA ID # TXD055141378

**ATTACHMENT TO EXTREMELY HAZARDOUS PERMIT
FOR McDONNELL DOUGLAS, TORRANCE FACILITY**

List of Potential Disposal Facilities:

- 3) ENSCO (incineration)
American Oil Road
El Dorado, ARK 71731
501 862-1330 EPA ID # ARD069748192
- 4) Oil Process Company (neutralization/transfer)
5756 Alba Street
Los Angeles, CA 90058
213 585-5063 EPA ID # CAD050806850
- 5) U S Pollution Control, Inc. (neutralization/landfill/cyanide oxidation)
3 mile East, 7 mile North Off I-80, Exit 41
Clive, Utah 84107
801 534-0054 EPA ID # UPD991301748
- 6) Appropriate Technologies II, Inc. (neutralization/transfer)
1700 Maxwell Road
Chula Vista, CA 92011
619 421-1175 EPA ID # CAT080010101
- 7) Southern California Chemical (neutralization)
8851 Dice Road
Santa Fe Springs, California 90670
213 698-8036 EPA ID # CAD008488025
- 8) Chem Tech Systems, Inc. (neutralization)
3650 E. 26th Street
Los Angeles, CA 90023
213 585-5036 EPA ID # CAT080033681
- 9) Norris (cyanide oxidation)
5215 S. Boyle St.
Los Angeles, CA 90058
(213) 588-7111 EPA ID # CAD097030993
- 10) Solvent Services (neutralization)
1021 Berryessa Rd.
San Jose, CA 95133
(408) 286-6446 EPA ID # CAD059494310
- 11) Eticam (neutralization)
2095 Newlands Drive East
Fernley, NV 89408
(702) 575-2760 EPA ID # NVD980895338